**MCDONALD WEBSITE TESTCASE**

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**Class:** SE113.N21.CNCL(JP)

1. Sign In

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| Test case name | Sign In - 1 |
| Pre-condition | User “Tu Quoc Anh” account has been registered. |
| Post-condition | User “Tu Quoc Anh” successfully logged into the application. |
| Testing flow | 1. User “Tu Quoc Anh” accesses the website, presses the login button, the website displays the login page for the user to log in.  2. User “Tu Quoc Anh” login by entering email and password, then select login button.  3. The system validates email and password whether it is in the database or not. Also, check if the password is in the correct format: here, the password should be at least 8 characters including letters and numbers.  4. If the email and password are in the database and in the correct format, the system will notify the successful login information and allow the user “Tu Quoc Anh” to access the application.  5. The system displays the home page of the application. |

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| Test case name | Sign In - 2 |
| Pre-condition | User “Tu Quoc Anh” account has been registered. |
| Post-condition | User “Tu Quoc Anh” successfully logged into the application. |
| Testing flow | 1. User ““Tu Quoc Anh” accesses the website, presses the login button, the website displays the login page for the user to log in.  2. User “Tu Quoc Anh” login by entering email and password, then select login button.  3. The system validates email and password whether it is in the database or not. Also, check if the password is in the correct format: here, the password should be at least 8 characters including letters and numbers.  4. If the email and password are not in the database or are not in the correct format, the system displays a message that the login information failed because the email or password is wrong, asking the user to re-enter it. |

2. Sign Up

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| Use case name | Sign Up - 1 |
| Pre-condition | User “Tu Quoc Anh” does not have an account of the site. |
| Post-condition | User “Tu Quoc Anh” registers an account successfully and is taken back to the homepage to login to the account |
| Testing flow | 1. User "Tu Quoc Anh" clicks register, the system displays the registration page.  2. User "Tu Quoc Anh" enters name, phone number, email, password and selects button to send OTP code.  3. The system will confirm the phone number: The system will check whether the phone number entered by the user "Tu Quoc Anh" is in the database or not. If the phone number is not in the database, the system will send the OTP code to the user "Tu Quoc Anh".  4. User "Tu Quoc Anh" enters the OTP code and presses the confirm button to confirm the OTP code.  5. The system will verify the OTP code: If the user "Tu Quoc Anh" enters the OTP code like in the database (the OTP code consists of 6 digits), the system will display a message to verify the OTP code success.  6. The system returns to the login page for user "Tu Quoc Anh" to log in. |

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| Use case name | Sign Up - 2 |
| Pre-condition | User “Tu Quoc Anh” does not have an account of the site. |
| Post-condition | User “Tu Quoc Anh” registers an account successfully and is taken back to the homepage to login to the account |
| Testing flow | 1. User "Tu Quoc Anh" clicks register, the system displays the registration page.  2. User "Tu Quoc Anh" enters name, phone number, email, password and selects button to send OTP code.  3. The system will confirm the phone number: The system will check whether the phone number entered by the user "Tu Quoc Anh" is in the database or not. If the phone number is in the database, the system will notify the user that "Tu Quoc Anh" is a registered phone number, asking the user to enter another phone number. |

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| Use case name | Sign Up - 3 |
| Pre-condition | User “Tu Quoc Anh” does not have an account of the site. |
| Post-condition | User “Tu Quoc Anh” registers an account successfully and is taken back to the homepage to login to the account |
| Testing flow | 1. User "Tu Quoc Anh" clicks register, the system displays the registration page.  2. User "Tu Quoc Anh" enters name, phone number, email, password and selects button to send OTP code.  3. The system will confirm the phone number: The system will check whether the phone number entered by the user "Tu Quoc Anh" is in the database or not. If the phone number is not in the database, the system will send the OTP code to the user "Tu Quoc Anh".  4. User "Tu Quoc Anh" enters the OTP code and presses the confirm button to confirm the OTP code.  5. The system will verify the OTP code: If the user "Tu Quoc Anh" enters the OTP code that is not the same as in the database (the OTP code consists of 6 digits), the system will notify the user. "Tu Quoc Anh" means entering the wrong OTP code and asking the user to re-enter it. |

3. Forget Password

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| Use case name | Forget Password - 1 |
| Pre-condition | User “Tu Quoc Anh” wants to retrieve login password. |
| Post-condition | User “Tu Quoc Anh” successfully retrieved her password and was taken back to the homepage to log in to her account. |
| Testing flow | 1. User "Tu Quoc Anh" clicks forgot password, the system displays forgot password page.  2. User "Tu Quoc Anh" enters the phone number for the system to send a confirmation code.  3. Phone number confirmation system: The system will confirm whether the phone number is in the database. If the phone number is in the database, the system will send the OTP code to the phone number provided by the user "Tu Quoc Anh".  4. User "Tu Quoc Anh" enters the confirmation code, selects confirm.  5. The system will check if the OTP code entered by the user "Tu Quoc Anh" is the same as the OTP code in the system. OTP code consists of 6 digits. If the code is the same as in the system, a successful OTP confirmation message will be displayed.  6. User "Tu Quoc Anh" enters a new password and verifies the new password.  7. The system checks whether the user "Tu Quoc Anh" has entered the password in the correct format or not. Password must be at least 8 characters and include letters and numbers. If the user "Tu Quoc Anh" enters the password in the same format as above, the system will display a pop-up notification that the password has been changed successfully.  8. The system returns to the login page for user "Tu Quoc Anh" to log in again. |

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| Use case name | Forget Password - 2 |
| Pre-condition | User “Tu Quoc Anh” wants to retrieve login password. |
| Post-condition | User “Tu Quoc Anh” successfully retrieved her password and was taken back to the homepage to log in to her account. |
| Testing flow | 1. User "Tu Quoc Anh" clicks forgot password, the system displays forgot password page.  2. User "Tu Quoc Anh" enters his phone number for the system to send a confirmation code.  3. Phone number confirmation system: The system will confirm whether the phone number is in the database or not. If the phone number is not in the database, the system will notify that the phone number provided by the user "Tu Quoc Anh" is invalid, please re-enter the phone number. |

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| Use case name | Forget Password - 3 |
| Pre-condition | User “Tu Quoc Anh” wants to retrieve login password. |
| Post-condition | User “Tu Quoc Anh” successfully retrieved her password and was taken back to the homepage to log in to her account. |
| Testing flow | 1. User "Tu Quoc Anh" clicks forgot password, the system displays forgot password page.  2. User "Tu Quoc Anh" enters his phone number for the system to send a confirmation code.  3. Phone number confirmation system: The system will confirm whether the phone number is in the database or not. If the phone number is in the database, the system will send the OTP code to the phone number "Tu Quoc Anh" provided by the user.  4. User "Tu Quoc Anh" enters the confirmation code, selects confirm.  5. The system will check if the OTP code entered by the user "Tu Quoc Anh" is the same as the OTP code in the system. OTP code consists of 6 digits. If the code is not the same as in the system, it will display a message that the OTP code that the user entered is not valid, please re-enter the OTP code. |

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| Use case name | Forget Password - 4 |
| Pre-condition | User “Tu Quoc Anh” wants to retrieve login password. |
| Post-condition | User “Tu Quoc Anh” successfully retrieved her password and was taken back to the homepage to log in to her account. |
| Testing flow | 1. User "Tu Quoc Anh" clicks forgot password, the system displays forgot password page.  2. User "Tu Quoc Anh" enters his phone number for the system to send a confirmation code.  3. Phone number confirmation system: The system will confirm whether the phone number is in the database or not. If the phone number is in the database, the system will send the OTP code to the phone number "Tu Quoc Anh" provided by the user.  4. User "Tu Quoc Anh" enters the confirmation code, selects confirm.  5. The system will check if the OTP code entered by the user "Tu Quoc Anh" is the same as the OTP code in the system. OTP code consists of 6 digits. If the code is the same as in the system, a successful OTP confirmation message will be displayed.  6. User "Tu Quoc Anh" enters a new password and verifies the new password.  7. The system checks whether the user "Tu Quoc Anh" has entered the password in the correct format or not. Password must be at least 8 characters and include letters and numbers. If the user "Tu Quoc Anh" enters a password that is not in the same format as above, the system will display a pop-up message that the user's password is not in the correct format, please re-enter the password. |

4. Sign Out

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| Use case name | Sign Out - 1 |
| Pre-condition | User “Tu Quoc Anh” is logged in to the site and wants to log out of the account. |
| Post-condition | User “Tu Quoc Anh” successfully logged out. |
| Testing flow | 1. User "Tu Quoc Anh" accesses the user's name.  2. User "Tu Quoc Anh" selects Sign Out.  3. The system displays a confirmation pop-up, the user "Tu Quoc Anh" selects "Yes".  4. Information confirmation system.  5. The system takes the user "Tu Quoc Anh" to the login homepage. |
| Use case name | Sign Out - 2 |
| Pre-condition | User “Tu Quoc Anh” is logged in to the site and wants to log out of the account. |
| Post-condition | User “Tu Quoc Anh” successfully logged out. |
| Testing flow | 1. User "Tu Quoc Anh" accesses the user's name.  2. User "Tu Quoc Anh" selects Sign Out.  3. The system displays a confirmation pop-up, the user "Tu Quoc Anh" chooses "No".  4. The system returns to the "user's name" interface. |

5. Search

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| Use case name | Search – 1 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to search for dishes. |
| Post-condition | User “Tu Quoc Anh” search for food successfully |
| Testing flow | 1. User "Tu Quoc Anh" clicks on “Search” on the navigation bar.  2. The system switches to the search interface.  3. User "Tu Quoc Anh" proceeds to fill in the search bar the dish he wants to find.  4. The system confirms the dish that the user enters, if there is a dish name in the system, it will display the dish that matches the user's search content "Tu Quoc Anh". |

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| Use case name | Search – 2 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to search for dishes. |
| Post-condition | User “Tu Quoc Anh” search for food successfully |
| Testing flow | 1. User "Tu Quoc Anh" clicks on “Search” on the navigation bar.  2. The system switches to the search interface.  3. User "Tu Quoc Anh" proceeds to fill in the search bar the dish he wants to find.  4. The system confirms the dish that the user enters, if there is no dish name in the system, the interface will display no matching results to notify the user. |

6. Click on each dish

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| Use case name | Click on each dish |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to see the details of each dish. |
| Post-condition | User “Tu Quoc Anh” view details of successful dishes. |
| Testing flow | 1.User “Tu Quoc Anh” clicks the "see detail" button of each dish  2. The system displays dish details. |

7. Add to Cart

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| Use case name | Add to Cart -1 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to add items to the cart. |
| Post-condition | The item has been successfully added to cart. |
| Testing flow | 1. User "Tu Quoc Anh" clicks on the "view details" button of each dish.  2. The system displays dish details.  3. User "Tu Quoc Anh" chooses the quantity.  4. User "Tu Quoc Anh" clicks "Add to cart" button.  5. System for processing requests and storing data.  6. The system displays the message Add to cart successfully. |

8. Update and delete products in the cart

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| Use case name | Update and delete products in the cart - 1 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to remove the product in the cart.  There is at least one product in the cart. |
| Post-condition | Product information updated.  User receives success message. |
| Testing flow | 1. User "Tu Quoc Anh" accesses "Cart" page.  2 . User "Tu Quoc Anh" wants to update product quantity.  3. User "Tu Quoc Anh" updates the desired quantity for the dish by pressing the up arrow button or the down arrow button.  4. The system handles the request to update the quantity.  5. The system updates information into the database.  6. The system displays a successful message and updates the cart data. |

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| Use case name | Update and delete products in the cart - 2 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to remove the product in the cart.  There is at least one product in the cart. |
| Post-condition | Product information updated.  User receives success message. |
| Testing flow | 1. User "Tu Quoc Anh" accesses "Cart" page.  2. User "Tu Quoc Anh" wants to delete the product.  3. User "Tu Quoc Anh" selects "trash bin" to delete the product.  4. The system processes the request to delete the product.  5. The system updates information into the database.  6. The system displays a successful message and deletes the product from the cart. |

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| Use case name | Update and delete products in the cart - 3 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to remove the product in the cart.  There is at least one product in the cart. |
| Post-condition | Product information updated.  User receives success message. |
| Testing flow | 1. User "Tu Quoc Anh" accesses "Cart" page.  2 . User "Tu Quoc Anh" wants to update product quantity.  3. User "Tu Quoc Anh" updates the desired quantity for the dish by pressing the up arrow button or the down arrow button.  4. The system handles the request to update the quantity.  5. The system updates information into the database.  6. The system displays a successful message and updates the cart data.  7. User "Tu Quoc Anh" wants to delete the product.  8. User "Tu Quoc Anh" selects "trash bin" to delete the product.  9. The system processes the request to delete the product.  10. The system updates information into the database.  11. The system displays a successful message and deletes the product from the cart. |

9. Payment

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| Use case name | Payment - 1 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to pay for the products in the cart.  There is at least one product in the cart. |
| Post-condition | Order information is added to the database.  User “Tu Quoc Anh” receives successful order notification. |
| Testing flow | 1. User "Tu Quoc Anh" accesses "Cart" page.  2. User "Tu Quoc Anh" enters the shipping address.  3. User "Tu Quoc Anh" enters the discount code.  4. The system checks if the discount code is valid or not. If the discount code is valid, the system will notify the user "Tu Quoc Anh" is a valid discount code.  6. User "Tu Quoc Anh" chooses to pay by visa and then clicks next.  7. User "Tu Quoc Anh" enters information of visa.  8. User "Tu Quoc Anh" selects Payment.  9. In this step, the system processes the user's order "Tu Quoc Anh".  10. The system will check whether the information and balance of user "Tu Quoc Anh" in the visa is sufficient to pay this order. If the information is correct and the balance in the account is enough to pay this order, the system will process the transaction information.  11. The system saves transaction information in the database.  12. Notify user "Tu Quoc Anh" that payment is successful. |

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| Use case name | Payment - 2 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to pay for the products in the cart.  There is at least one product in the cart. |
| Post-condition | Order information is added to the database.  User “Tu Quoc Anh” receives successful order notification. |
| Testing flow | 1. User "Tu Quoc Anh" accesses "Cart" page.  2. User "Tu Quoc Anh" enters the shipping address.  3. User "Tu Quoc Anh" enters the discount code.  4. The system checks if the discount code is valid or not. If the discount code is not valid, the system will notify the user "Tu Quoc Anh" that the discount code is invalid, please re-enter the discount code. |

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| Use case name | Payment - 3 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to pay for the products in the cart.  There is at least one product in the cart. |
| Post-condition | Order information is added to the database.  User “Tu Quoc Anh” receives successful order notification. |
| Testing flow | 1. User "Tu Quoc Anh" accesses "Cart" page.  2. User "Tu Quoc Anh" enters the delivery address.  3. User "Tu Quoc Anh" enters the discount code.  4. The system checks if the discount code is valid or not. If the discount code is valid, the system will notify the user "Tu Quoc Anh" is a valid discount code.  6. User "Tu Quoc Anh" chooses to pay by visa and then clicks next.  7. User "Tu Quoc Anh" enters visa information.  8. User "Tu Quoc Anh" selects Payment.  9. In this step the system processes the user's order "Tu Quoc Anh".  10. The system will check the information and balance of user “Tu Quoc Anh” in the visa is enough to pay this order or not. If the information is incorrect or the balance in the account is not enough to pay for this order, the system will notify the user that the information entered by the user is incorrect, please re-enter it; or your balance is not enough, please choose another payment method. |

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| Use case name | Payment - 4 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to pay for the products in the cart.  There is at least one product in the cart. |
| Post-condition | Order information is added to the database.  User “Tu Quoc Anh” receives successful order notification. |
| Testing flow | 1. User "Tu Quoc Anh" accesses "Cart" page.  2. User "Tu Quoc Anh" enters the delivery address.  3. User "Tu Quoc Anh" enters the discount code.  4. The system checks if the discount code is valid or not. If the discount code is valid, the system will notify the user "Tu Quoc Anh" is a valid discount code.  5. User "Tu Quoc Anh" chooses to pay when receiving goods.  6. User "Tu Quoc Anh" chooses to confirm.  7. The system will process the user's order.  8. Notify user "Tu Quoc Anh" when order confirmation is successful. |

10. Cancel Order

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| Use case name | Cancel Order - 1 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to cancel the order.  There is at least one order placed.  Delivery status “in preparation”. |
| Post-condition | Information is updated in the database.  User “Tu Quoc Anh” receives a successful order cancellation notification. |
| Testing flow | 1. User "Tu Quoc Anh" accesses "Orders" page.  2. If the order is in the preparing state, user "Tu Quoc Anh" clicks on the button "Cancel order".  3. The system displays a confirmation pop-up, the user "Tu Quoc Anh" chooses "Yes" to cancel the order.  4. Request processing system.  5. The system deletes order information in the database.  6. The system displays a message to the user "Tu Quoc Anh" that the order has been canceled successfully. |

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| Use case name | Cancel Order - 2 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to cancel the order.  There is at least one order placed.  Delivery status “in preparation”. |
| Post-condition | Information is updated in the database.  User “Tu Quoc Anh” receives a successful order cancellation notification. |
| Testing flow | 1. User "Tu Quoc Anh" accesses "Orders" page.  2. If the order is in the preparing state, user "Tu Quoc Anh" clicks on the button "Cancel order".  3. The system displays a confirmation pop-up, user "Tu Quoc Anh" chooses "No" to exit. |

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| Use case name | Cancel Order - 3 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to cancel the order.  There is at least one order placed.  Delivery status “in preparation”. |
| Post-condition | Information is updated in the database.  User “Tu Quoc Anh” receives a successful order cancellation notification. |
| Testing flow | 1. User "Tu Quoc Anh" accesses the "Orders" page.  2. If the order is in the "Delivering" status, the user "Tu Quoc Anh" cannot click on "Cancel Order". |

11. Change Information

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| Use case name | Change Information - 1 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to change information. |
| Post-condition | Information is updated in the database.  User “Tu Quoc Anh” change information successfully. |
| Testing flow | 1. User "Tu Quoc Anh" accesses the page "Change information".  2. User "Tu Quoc Anh" enters information to be changed such as name, email, phone number, password.  3. User "Tu Quoc Anh" selects "Change" to change personal information.  4. In this step, the system will check whether the information entered by the user "Tu Quoc Anh" such as email and phone number matches with other accounts. If the above information does not match, the system will continue to check whether the user "Tu Quoc Anh" has entered the password in the correct format or not (The password must be at least 8 characters including letters and number). If user "Tu Quoc Anh" has entered the correct format, the system will start processing the account change request.  5. The system saves information into the database.  6. The system displays a message to the user "Tu Quoc Anh" that the information update is successful. |

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| Use case name | Change Information - 2 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to change information. |
| Post-condition | Information is updated in the database.  User “Tu Quoc Anh” change information successfully. |
| Testing flow | 1. User "Tu Quoc Anh" accesses the page "Change information".  2. User "Tu Quoc Anh" enters information to be changed such as name, email, phone number, password.  3. User "Tu Quoc Anh" selects "Change" to change personal information.  4. In this step, the system will check whether the information entered by the user "Tu Quoc Anh" such as email and phone number matches with other accounts. If the above information matches with other accounts, the system will notify the user that the phone number or email has been registered, please enter another email or phone number. |

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| Use case name | Change Information - 3 |
| Pre-condition | User “Tu Quoc Anh” is logged in and wants to change information. |
| Post-condition | Information is updated in the database.  User “Tu Quoc Anh” change information successfully. |
| Testing flow | 1. User "Tu Quoc Anh" accesses the page "Change information".  2. User "Tu Quoc Anh" enters information to be changed such as name, email, phone number, password.  3. User "Tu Quoc Anh" selects "Change" to change personal information.  4. In this step, the system will check whether the information entered by the user "Tu Quoc Anh" such as email, phone number matches with another account or not. If the above information does not match, the system will continue to check whether the user “Tu Quoc Anh” has entered the correct password or not (The password must be 8 characters or more including letters and numbers) . If the user "Tu Quoc Anh" enters the wrong password format, the system will notify the user that the password is in the wrong format, please re-enter the password. |